Title (en)

Security encoding unit and image forming apparatus including same

Title (de)

Sicherheitskodierungseinheit und Bilderzeugungsvorrichtung damit

Title (fr)

Unité d'encodage de sécurité et appareil de formation d'images la comprenant

Publication

EP 2001216 A1 20081210 (EN)

Application

EP 08251965 A 20080606

Priority

JP 2007152521 A 20070608

Abstract (en)

A security encoding unit performs security encoding processing on a plurality of images simultaneously, for example, an image on a front side of the document and an image on a back side of the document. The security encoding unit includes at least a first detector for detecting first security information of a first image based on a first original image data, a second detector for detecting second security information of a second image based on a second original image data, a first security encoding device for performing security encoding processing on the first original image data to generate the first image data, and a second security encoding device for performing security encoding processing on the first original image data to generate the second image data. The first original image data of the first image and the second original image data of the second image are input simultaneously.

IPC 8 full level

H04N 1/00 (2006.01)

CPC (source: EP)

H04N 1/00846 (2013.01); **H04N 1/00867** (2013.01); **H04N 1/0087** (2013.01); **H04N 1/00872** (2013.01)

Citation (applicant)

US 2007097411 A1 20070503 - KONDO SHIN [JP], et al

Citation (search report)
- [X] US 2007097411 A1 20070503 - KONDO SHIN [JP], et al
- [A] US 5629990 A 19970513 - TSUJI MASATO [JP], et al
- [A] US 2007081694 A1 20070412 - RYAN FREDERICK W JR [US]
- [DA] JP H05233873 A 19930910 - RICOH KK
- [A] EP 1024414 A1 20000802 - HEWLETT PACKARD CO [US]

Citation (examination)

EP 1701535 A1 20060913 - RICOH KK [JP]

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2001216 A1 20081210; CN 101330555 A 20081224; CN 101330555 B 20110525

DOCDB simple family (application)

EP 08251965 A 20080606; CN 200810099627 A 20080610